Index of Claims

| A | ۱p | plication/Control | No. |
|---|----|-------------------|-----|

10/800,033

Examiner

Jason L. Savage

Applicant(s)/Patent under Reexamination

EKLUND ET AL.

Art Unit

1775

Rejected **Allowed** 

(Through numeral) Cancelled ÷ Restricted

Non-Elected N ١ Interference

**Appeal** Α 0 Objected

|          |                      |                    |  |                 |          |              |          | `  |          |  |   | •            |          |           |            |              |              |              |              |
|----------|----------------------|--------------------|--|-----------------|----------|--------------|----------|--|----------|--|---|--------------|----------|-----------|------------|--------------|--------------|--------------|--------------|
| Cla      | im                   |                    |  |                 | Ę        | ate          | ,        |  |          | _  |   | Cla          | im       |           |            | _            | _[           | Date         | <del>}</del> |
| Final    | Original             | 90/97/9            | 10/13/06   | 4/4/07          |          |              |          |  | ļ        |  |   | Final        | Original |           |            |              |              |              |              |
|          | 1                    | +                  | 1  | ٧               |          |              |          |  |          |  |   |              | 51       | $\Box$    |            |              |              |              |              |
|          | 2                    |                    | 1  | 1               |          |              |          |  |          |  |   |              | 52       |           |            |              |              |              |              |
|          | 3                    |                    | 1  | 1               |          |              |          |  |          |  |   |              | 53       |           |            | _            |              | _            |              |
|          | 4                    |                    | 7  | 1               |          |              |          |  |          |  |   |              | 54       | _         |            |              |              | _            |              |
|          | 5                    |                    | 7  | 1               |          |              |          |  |          | Ш  |   |              | 55       | _         | _          |              |              |              | _            |
|          | 6                    |                    | V  | 1               |          |              | _        | _  |          | Щ  |   |              | 56       |           | _          | _            |              | <u> </u>     |              |
|          | 7                    |                    | 1  | 7               |          |              | _        |  | _        | Ш  |   |              | 57       | _         | 4          | _            | _            | <u> </u>     | L            |
| L        | 8                    |                    | 1  | 0               |          | _            | <u> </u> | L  |          | Щ  |   |              | 58       |           |            |              | _            | _            | <b> </b>     |
|          | 9                    | <u> </u>           | 1  | 0               |          |              | _        | <u> </u>   | _        | Ш  |   | <u> </u>     | 59       |           | $\dashv$   | _            |              | <u> </u>     | ₽            |
|          | 10                   | ╙                  | 7  | 0               | L-       |              | <u> </u> | _  | _        | $\vdash$   |   |              | 60       |           |            | _            | <u> </u>     | ⊢            | ├—           |
| -        | 11                   |                    | 1  | 1               | <u> </u> |              |          | _  | ļ        | $\vdash$   |   | ├            | 61<br>62 |           | -          | _            | _            | ┝            | ┢            |
| <u> </u> | 12                   | <del> </del>       | 1  | 1               |          |              | ┢        | <u> </u>   | $\vdash$ | $\vdash$   |   |              | 63       | -         |            |              | -            | ╁─           | ╁╾           |
| <u> </u> | 13                   | -                  | _  |                 | -        |              | -        |  | ┝        | Н  |   |              | 64       | Н         | -          |              | -            | ╁            | ┢╾           |
| <b>_</b> | 14                   | ┾                  | N  | N               | -        | -            | ⊢        | ├  | H        | Н  |   |              | 65       | $\vdash$  |            | _            | ┝            | ┢            | ╁            |
| <u> </u> | 15                   | -                  | N /  | N               | ├        | -            | ├-       | $\vdash$   | ⊢        | Н  |   | -            | 66       |           |            |              | H            | ╁╾           | $\vdash$     |
| -        | 16<br>17             | ╁                  | 1  | ├               | $\vdash$ | -            | $\vdash$ | ├  | -        | $\vdash$   |   |              | 67       |           |            |              | ┝            | $\vdash$     | $\vdash$     |
| -        | 16                   | ╁                  | 1  | ⊢               | ⊢        | -            | 1        | ╁╌   | $\vdash$ | $\vdash$   |   |              | 68       |           | -          |              | ┢            | ✝            | $\vdash$     |
| $\vdash$ | 16                   | ╁                  | 1  | ⊢               | ⊢        | <del> </del> | $\vdash$ | ╁╴   | $\vdash$ | Н  |   | -            | 69       |           | $\vdash$   | _            |              | $\vdash$     | $\vdash$     |
| -        | 18<br>19<br>20<br>21 | ╁╌                 | 6  | -               | ╁        | ╁            | $\vdash$ | -  | ╁        | H  |   | <del></del>  | 70       |           |            |              | <b>—</b>     | ✝            | ✝            |
| -        | <del>  3  </del>     | ╁                  | 6  | -               | $\vdash$ | -            | ┢        | +-   | ╁        | $\vdash$   |   |              | 71       | $\vdash$  |            | <del> </del> |              | T            | T            |
| <b>-</b> | 22                   | ╁                  | N  | N               | ╁        |              | ┢        |  | $\vdash$ | $\vdash$   |   | <u> </u>     | 72       | 1         | $\vdash$   |              | -            | T            | T            |
| -        | 23                   | +                  | N  | N               | $\vdash$ | -            | $\vdash$ | <del>                                     </del> | Ħ        | <b>—</b>   |   |              | 73       | T         | ļ .        |              | Г            | $\top$       | 1            |
| -        | 24                   | +-                 | Ť  | <del>  ``</del> |          |              | $\vdash$ | T  | T        |  |   |              | 74       |           | _          |              | Τ            |              | Τ            |
| -        | 25                   | ╁╴                 | t  | 1-              | t        | ┢            | t        | $\vdash$   |          | <del>                                     </del> |   |              | 75       | $\Box$    |            |              | Г            | Τ            | Т            |
| -        | 26                   | t                  | T  | 1               | Γ        | $\vdash$     | T        | $\vdash$   |          |  |   |              | 76       |           |            |              |              | $\mathbb{T}$ | abla         |
| <b> </b> | 27                   | T                  | <del>                                     </del> | T               |          |              |          | T  |          |  | ĺ |              | 77       |           |            |              |              | $\prod$      |              |
|          | 28                   |                    | T  | Τ               | Т        | T            | 1        | Г  |          | Т  |   |              | 78       |           |            |              |              |              |              |
|          | 29                   |                    |  | T               |          |              |          |  |          |  |   |              | 79       |           |            |              | L            | 上            | $\perp$      |
|          | 30                   |                    | Т  | Г               |          | Г            |          |  |          |  |   |              | 80       |           |            | L            | 上            | $\perp$      | ļ            |
|          | 31                   |                    |  |                 |          |              |          |  | <u> </u> |  |   | <u></u>      | 81       | <u> </u>  | <u> </u>   | _            | ↓_           | $\perp$      | ļ.,          |
|          | 32                   |                    |  |                 |          |              |          | $\perp$  | <u>_</u> | _  |   |              | 82       | _         | <b>↓</b> _ | Ļ            | _            | _            | ļ.           |
|          | 33                   |                    |  |                 |          |              | <u> </u> | $oldsymbol{\perp}$                               | ╽.       | _  |   |              | 83       | 1         | ļ          | 1            | 1            | ↓_           | +            |
| L_       | 34                   | $oldsymbol{\perp}$ | $\downarrow$                                     | 丄               | 1_       | ↓_           | $\perp$  | 1_   | ╄        | _  | 1 | -            | 84       | ļ.,       | ₩          | ├-           | ┼-           | ╀            | -            |
| _        | 35                   | ╙                  | -  | $\perp$         | ↓_       | -            | ╀        | ┼-   | 1        | 4  | ł |              | 85       | ├         | ⊢          | ╀            | ╀╌           | ╁            | ╁            |
|          | 36                   | ļ                  | -  | ╄               | ↓_       | -            | ╄        | 4_   | ╀        | ┼—   | - | -            | 86       | ┼-        | ╁          | ╀            | ╀            | ╁            | ╁            |
|          | 37                   | ╀                  | +  | ╄               | ┼        | ╀            | - 4      | 1  | ┼-       | +  | ┨ | <del> </del> | 87<br>88 | ╁         | ╁╾         | ⊢            | ╁            | +            | ╁╌           |
|          | 38                   | -                  | +  | ╄               | ╀        | ╀            | +        | +  | +        | 4—   | 1 | -            | 89       | +         | ╁          | ╁            | ╁            | *            | +-           |
| -        | 39                   | +                  | +  | +-              | ╄        | +            | ╀        | +-   | ┿        | +-   | 1 | -            | 90       | ╁         | +          | ╁            | ╁╴           | ╁╴           | ╁            |
| -        | 40                   | +-                 | +  | ╀               | +        | ╁            | ╀        | ╁  | ╄        | +  | 1 |              | 91       | ╀         | ╁╴         | -            | ╁            | +            | +            |
| -        | 41                   | +-                 | ╀  | +-              | +        | ╀            | +        | +-   | ╁        | ╁  | 1 | -            | 92       | ╁         | ╁          | ╁            | ╁            | +            | +            |
|          | 42                   |                    | +-   | +-              | ╁        | +-           | ╁        | +  | +        | ╁  | 1 | -            | 93       | +         | +          | ╁            | +            | +            | +-           |
| -        | 44                   |                    | +  | +               | +        | ╁            | +        | +-   | +        | +  | 1 | $\vdash$     | 94       | +         | +          | +            | +            | +            | +            |
| -        | 45                   |                    | ╁  | ╁               | +        | +            | +        | +  | +-       | +-   | 1 | $\vdash$     | 95       | +         | 十          | t            | $^{\dagger}$ | +            | +            |
| -        | 46                   | +                  | +  | +               | +-       | +            | +        | +  | ╁        | +  | 1 |              | 96       | +         | +          | †=           | ✝            | T            | $\top$       |
| -        | 47                   |                    | ╫  | +               | +        | +            | ╁        | +  | +        | +  | 1 |              | 97       | $\dagger$ | T          | T            | Τ            | $\top$       | $\top$       |
| -        | 48                   |                    | +-   | +               | +        | +            | +        | +-   | +        | $\top$   | 1 |              | 98       | T         | 1          | Τ            | T            | $\top$       | $\top$       |
| -        | 49                   |                    | +-   | +               | +        | +            | ╁        | +  | +-       | +  | 1 |              | 99       | T         | 1-         | T            | T            | 1            | 丅            |
|          | 50                   |                    | +  | +               | +-       | T            | +        | $\top$   | 十        | $\top$   | 1 |              | 100      | 1         |            | 1            | Ι            | I            |              |
|          |                      |                    |  |                 |          |              |          |  |          |  | _ | _            |          |           |            |              |              |              |              |

| Cla      | Claim    |              |           | _ | _      |          | <u> </u>     | 7 |          |              |          | _        | 4 |
|----------|----------|--------------|-----------|---|--------|----------|--------------|---|----------|--------------|----------|----------|---|
| Final    | Original |              |           |   |        |          |              |   |          |              |          |          |   |
|          | 51       | _            | ┢         | † | $\neg$ | _        | H            | † | _        |              |          | ┪        | 1 |
| $\vdash$ | 51<br>52 | _            | H         | + | _      |          | ⊢            | + | -        | _            | -        | ╌        | ┨ |
| -        | 52       |              | ļ         | 4 | _      | _        | ⊢            | + |          |              | ├        | ⊢        | 4 |
|          | 53       |              | L         | 4 |        | _        | ┖            | 4 | _        | _            | <u> </u> | ┡        | 4 |
|          | 54       |              | L         | ┙ |        |          | L            | ┙ | _        | _            | _        | <u> </u> | ┙ |
|          | 54<br>55 |              |           | ١ |        |          | 1_           | 1 |          |              |          |          | ┚ |
|          | 56 ·     |              |           | T |        |          | Γ            | Τ |          |              | ļ        |          | ١ |
|          | 57       |              | Γ         | 7 |        |          | Г            | 1 |          |              |          | Γ        | ٦ |
| <b>—</b> | 58       | _            | T         | 1 | _      | $\vdash$ | T            | 7 |          |              |          | 1        | ٦ |
| -        | 59       | _            | ┝         | ┪ |        | -        | t            | + | _        | _            | $\vdash$ | t        | ٦ |
| <b>-</b> | 25       | H            | ⊢         | ┨ | _      | ⊢        | ┝            | + |          | -            | $\vdash$ | 1-       | ┨ |
| -        | 60       | $\vdash$     | -         | 4 | _      | ┝        | ╀            | 4 | _        | $\vdash$     | -        | ╄        | ┨ |
| <u> </u> | 61       | L.           | _         | 4 |        | <u> </u> | ╀            | 4 |          | ļ            | ┡        | ╀        | 4 |
|          | 62       | _            | L         |   |        | <u>L</u> | 1_           | 4 |          | <u> </u>     | L        | ↓_       | 4 |
|          | 63       |              |           |   |        | <u></u>  | L            | _ |          |              | L.       | ╙        | ╝ |
|          | 64       |              |           |   |        |          |              |   |          |              | <u> </u> | L        | _ |
|          | 65       |              | Γ         | ٦ |        |          |              | Ī |          |              | _        | l_       |   |
|          | 66       |              | Г         | ٦ |        | Г        | Γ            | П |          |              |          |          |   |
|          | 67       |              | Г         |   |        | Π        | Г            | ٦ |          | П            |          | Γ        |   |
|          | 68       |              | T         |   |        | Ī        | Т            | ٦ |          | Г            |          | Г        | ٦ |
|          | 69       |              | T         |   |        | П        | Т            | ٦ |          | П            |          | Γ        |   |
|          | 70       | Π            | Т         |   |        | Γ        | Т            |   |          |              | Γ        |          |   |
|          | 71       | $\vdash$     | T         |   |        | Т        | T            | T |          |              | Т        | Г        | ٦ |
|          | 72       | 1            | T         |   |        | 1        | 1            | ٦ |          |              | Т        | Т        | ٦ |
|          | 73       | İ            | T.        | _ |        | ⇈        | T            | ٦ |          | Г            | $\top$   | Τ        | ٦ |
|          | 73<br>74 | T            | T         |   |        | 1        | T            |   |          |              |          | Т        |   |
|          | 75       | Г            | T         |   |        |          | I            |   |          |              |          | Ι        |   |
|          | 76       | Γ.           |           | • |        |          | L            |   |          |              | L        | L        |   |
|          | 76<br>77 |              |           |   |        |          | I            |   |          | <u> </u>     |          | $\perp$  |   |
|          | 78       |              | Ι         |   |        |          |              |   |          |              |          | ┸        |   |
|          | 79       | T            | Г         |   |        |          | L            |   |          | 1            | L        | L        | _ |
|          | 80       |              | Τ         |   |        | Т        | Τ            |   |          |              |          |          |   |
|          | 81<br>82 | Т            | Τ         |   |        |          | Т            |   |          | Т            | Т        | Т        |   |
|          | 82       | T            | 1         |   |        |          | T            |   | Γ.       | T            | 1        | Т        | _ |
|          | 83       |              | Ť         | _ | Г      | $\top$   | Τ            |   |          | T            | Τ        | $\top$   |   |
| -        | 84       | T            | t         | _ | T      | 十        | $^{\dagger}$ | _ | Γ        |              | $\top$   | T        | _ |
| -        | 85       | 1            | T         |   | Г      | $\top$   | +            | _ | Γ        | T            | $\top$   | T        | _ |
| -        | 86       | 1-           | +         |   | †      | +        | $\dagger$    |   | Γ        | $\top$       | $\top$   | T        | _ |
| $\vdash$ | 87       | +-           | T         |   | T      | ✝        | $\dagger$    | _ | $\vdash$ |              | 1        | 1        | _ |
| 1        | 88       | †            | †         | _ | T      | $\top$   | 1            | - | T        | T            | 1        | 1        | _ |
| -        | 89       | +            | t         | _ | T      | $\top$   | †            | _ |          | T            | 1        | †        | _ |
|          | 90       | T            | †         | _ | T      | $\top$   | †            | _ | T        | 1            | 1        | $\top$   | _ |
|          | 91       | $^{\dagger}$ | $\dagger$ | _ | Т      | T        | $^{\dagger}$ | _ | Γ        | Τ            | Т        | 1        | _ |
|          | 92       | $\top$       | 1         |   | Т      | 1        | T            |   |          | 1            | Т        | T        |   |
|          | 93       | 1            | +         |   | Τ      | Τ        | 1            |   | Γ        | T            | T        |          |   |
|          | 94       | 十            | $\dagger$ | _ | T      | 1        | $\top$       |   | Γ        | T            |          |          | _ |
|          | 95       | 1            | 1         |   | T      | Τ        | 1            |   |          | Τ            | T        | T        | _ |
|          | 96       | $\top$       | Ť         |   | T      | 7        | T            |   | Τ        | T            | Т        | T        | _ |
|          | 97       | T            | T         | _ | Τ      | 1        | $\top$       |   | Γ        | T            |          | T        | _ |
|          | 98       | T            | 1         |   | Τ      | Τ        | T            | _ |          | I            | floor    | $\prod$  |   |
|          | 99       | Τ            | T         |   | Γ      | I        | I            |   | $\Gamma$ | $\mathbb{I}$ | $\perp$  | Ι        |   |
|          | 100      | ī            | T         | _ | T      | Τ        | Т            |   | Т        |              | T        | T        | _ |

| Cla      |                                 |              |        | [       | Date         | •        |              |          |          |          |
|----------|---------------------------------|--------------|--------|---------|--------------|----------|--------------|----------|----------|----------|
| Final    | Original                        |              |        |         |              |          |              |          |          |          |
|          | 101                             |              |        | Г       |              |          |              |          |          |          |
|          | 102                             |              |        | Τ       | Г            |          |              |          |          |          |
|          | 102<br>103                      |              |        | Г       | Т            | Γ        |              |          | ٠        |          |
|          | 104<br>105                      |              |        |         |              |          |              |          |          |          |
|          | 105                             |              |        |         |              |          |              |          |          |          |
|          | 106                             |              |        | Г       | Γ            | Г        |              |          |          |          |
|          | 107                             |              |        | Π       | Г            |          |              |          |          |          |
|          | 107<br>108<br>109               |              | $\Box$ | ·       | Π            | Π        |              |          |          |          |
|          | 109                             |              |        | Γ       | Π            | Г        | Г            |          |          |          |
|          | 110                             |              |        |         |              |          |              |          |          |          |
|          | 111                             | Г            |        | Π       | Ι.           |          |              |          |          | Ш        |
|          | 112                             |              |        |         |              |          |              |          |          |          |
|          | 113                             |              |        |         |              |          |              |          |          | Ш        |
|          | 114                             |              |        |         |              |          | 匚            |          |          | igsqcup  |
|          | 115                             |              |        |         | 1            | L        | $\perp$      | L        | L        | Ш        |
|          | 116                             |              |        | _       | L            |          |              | L        | L        | Ш        |
|          | 117                             | L            |        | 上       |              |          | _            | <u> </u> | <u> </u> | Ш        |
|          | 118<br>119                      | L            |        | <u></u> | L            |          | <u> </u>     |          |          | Ш        |
|          | 119                             |              |        |         |              |          |              | <u>L</u> |          | $\sqcup$ |
|          | 120                             |              |        | L       |              |          |              | L        |          |          |
|          | 121                             |              |        |         |              | L        | _            | L_       |          |          |
|          | 120<br>121<br>122               |              |        |         |              | ┖        | ┖            | L        | L        | $\perp$  |
|          | 123                             |              |        | Ι_      |              |          |              | L        | ┖        | Ш        |
|          | 123<br>124<br>125               |              |        | _       |              |          | _            | 1_       | 1_       | _        |
|          | 125                             | L            |        |         |              | $\perp$  | L            | 1_       | _        | _        |
|          | 126                             |              | 1_     |         | ┸            | 1_       | <u> </u>     | $\perp$  | <u> </u> | _        |
|          | 126<br>127<br>128               | 丄            | _      |         | 1_           | <u> </u> | Ļ            | _        | <u> </u> | <u> </u> |
|          | 128                             | L            |        | 1_      | 上            | ↓_       | 1_           | ↓_       | <u> </u> | _        |
|          | 129                             | _            | 上      | ┸       | 1            | ╄-       | _            | ↓_       | ↓_       | 1        |
|          | 129<br>130<br>131<br>132<br>133 | <u> </u>     | 1_     | ↓_      | $\downarrow$ | 4        | <u> </u>     | ↓_       | ╄        | <u> </u> |
|          | 131                             | 丄            | ┸      | ↓_      | 1            | 4_       | _            | 1        | ₩        | 1-       |
|          | 132                             | _            | 1      | 4       | 4            | _        | $\downarrow$ | ↓_       | ↓_       | ₩        |
|          | 133                             | $\downarrow$ | ↓_     | ŀ       | $\downarrow$ | -        | +-           | +        | ╄        | 1        |
|          | 134                             | 1_           | ╄      | +       | 1            | ╀-       | ╀            | ╄        | ┼-       | -        |
|          | 134<br>135<br>136               | ╄            | ╄      | $\bot$  | 4            | -        | ╀            | ╀        | ┼        | -        |
|          | 136                             | 1            | ╀-     | 4       | +            | ╀        | +-           | ╀        | ╁        | ╄        |
|          | 137<br>138<br>139               | 1-           | ╄      | +       | -            | +        | +-           | ┼        | ╀        | +        |
| L        | 138                             | ╄-           | 4      | +       | -            | +        | +            | ╁        | +-       | +        |
|          | 139                             | +-           | +      | ╁       | ╀            | +        | ╀            | +-       | +        | +        |
|          | 140                             | +-           | 1      | - -     | +            | +-       | ┿            | +-       | +        | +        |
|          | 141                             |              | ╀      | - -     | +            | +-       | ┿            | ╀        | ╀        | +        |
| <u> </u> | 142                             |              | ╀      | +       | +            | ╁        | +-           | +        | ╫        | +        |
| <u> </u> | 143                             |              | +      | +       | +-           | +        | +            | +        | ╁        | +        |
| <u> </u> | 144                             |              | +      | +       | +            | +        | +-           | ╀        | +        | +        |
| <u> </u> | 145                             |              | +      | +-      | +            | +        | ╁            | +-       | ╁        | +        |
| <u> </u> | 146                             |              | +      | - -     | +            | +        | +-           | +        | +        | +        |
| <u> </u> | 147                             |              | +      | +       | +            | +        | +-           | +        | ╁        | +        |
| <u> </u> | 148                             |              | +      | +       | +            | +        | +-           | +        | +        | +        |
| <u></u>  | 149                             |              | +      | +       | +            | +-       | +-           | +-       | +-       | +        |
| L        | 150                             | Ц_           | L      | 丄       | 丄            |          |              |          |          |          |